

1        1. A method of programming a non-volatile memory unit in a hard  
2 copy output engine comprising:

3            determining a geographical area within which the hard copy output engine  
4 is to be deployed;

5            determining an electronic address for a consumables supplier appropriate  
6 to the geographical area; and

7            programming the electronic address into the non-volatile memory.

1        2. The method of claim 1, wherein determining an electronic address  
2 comprises determining a universal resource locator for an original equipment  
3 manufacturer.

1        3. The method of claim 1, wherein determining an electronic address  
2 comprises determining a universal resource locator for a reseller of consumable  
3 supplies associated with the hard copy output engine.

1        4. The method of claim 1, further comprising programming the non-  
2 volatile memory with product descriptors for consumable supplies associated  
3 with the hard copy output engine.

1        5. The method of claim 1, further comprising:

2            determining that the electronic address for the consumables supplier is  
3 obsolete;

4            determining a revised electronic address for the consumables supplier  
5 appropriate to the geographical area; and

6            re-programming the non-volatile memory with the revised electronic  
7 address to replace the obsolete electronic address.

1        6. The method of claim 1, wherein the hard copy output engine is  
2 chosen from a group consisting of: facsimile machines, photocopiers and  
3 printers.

1        7. (Amended) The method of claim 1, wherein determining an electronic  
2 address comprises determining a universal resource locator for a supplier chosen  
3 from a group consisting of: any original equipment manufacturer, a reseller or a  
4 supplier of office supplies including hard copy output engine consumables.

1        8. (Amended) A method of obtaining consumable supplies for a hard  
2 copy output engine comprising:  
3            determining that an amount of consumable for the hard copy output  
4 engine is less than a threshold amount;  
5            extracting an electronic address for a vendor of the consumable from a  
6 non-volatile memory included in the hard copy output engine; and  
7            initiating communication with the vendor using the electronic address.

1        9. The method of claim 8, wherein extracting an electronic address  
2 comprises extracting a universal resource locator.

1        10. The method of claim 8, wherein extracting an electronic address  
2 comprises extracting a universal resource locator for a vendor of consumables  
3 appropriate to a geographical area within which the hard copy output engine is  
4 deployed.

1        11. The method of claim 8, wherein initiating communication includes  
2 transmitting an electronic message ordering a predetermined quantity of the  
3 consumable determined to be present in an amount less than the threshold  
4 amount.

1        12. The method of claim 8, wherein determining is in response to a  
2 sensor in the hard copy output engine sensing that an amount of the  
3 consumable is less than the threshold amount.

1        13. The method of claim 8, wherein initiating communication  
2 comprises initiating a servlet.

1        14. The method of claim 8, wherein the hard copy output engine is  
2 chosen from a group consisting of: facsimile machines, photocopiers and  
3 printers.

1        15. A computer implemented control system for a hard copy output  
2 engine, the system comprising:  
3            non-volatile memory included in the hard copy output engine and  
4 configured to store data representing an electronic address for a supplier of  
5 consumables for the hard copy output engine; and  
6            processing circuitry configured to:  
7                determine that an amount of a consumable for the hard copy  
8 output engine is less than a threshold amount;  
9                extract the electronic address from the non-volatile memory; and  
10              initiate communication with the supplier using the electronic  
11              address.

1        16. (Amended) The computer implemented control system of claim  
2 15, wherein the processor configured to extract an electronic address comprises  
3 a processor configured to extract a universal resource locator for a supplier of  
4 consumables appropriate to a geographic area within which the hard copy  
5 output engine is deployed.

1        17. The computer implemented control system of claim 15, wherein  
2 the processor configured to initiate communication includes a processor  
3 configured to transmit an electronic message ordering a predetermined quantity  
4 of the consumable determined to be present in an amount less than the  
5 threshold amount.

1        18. The computer implemented control system of claim 15, wherein  
2 the processor configured to initiate communication includes a processor  
3 configured to initiate a servlet.

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1        19. The computer implemented control system of claim 15, wherein  
2        the hard copy output engine is chosen from a group consisting of: facsimile  
3        machines, photocopiers and printers.

1        20. The computer implemented control system of claim 15, wherein  
2        the processor configured to extract an electronic address comprises a processor  
3        configured to extract a universal resource locator.

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1        21. (New) The method of claim 8, wherein the initiating comprises  
2        directly initiating communication with the vendor from the hard copy output  
3        engine.

1        22. (New) The computer implemented control system of claim 15,  
2        wherein the processing circuitry is included in the hard copy output engine.

*Am B1* 23. (New) A method of obtaining consumable supplies for a hard copy  
output engine, comprising:  
3        determining a geographical area within which the hard copy output engine  
4        is to be deployed;  
5        determining an electronic address for consumables supplier appropriate to  
6        the geographical area;  
7        storing the electronic address in the non-volatile memory; and  
8        proactively initiating communication with the consumables supplier from  
9        the hard copy output engine and using the stored electronic address if an  
10      amount of a consumable for the hard copy output engine is less than a  
11      predetermined threshold.

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